

Title (en)

ENZYME-TRIGGERED CARBON MONOXIDE RELEASING MOLECULES

Title (de)

ENZYMGETRIGGERTE KOHLENMONOXIDFREISETZENDE MOLEKÜLE

Title (fr)

MOLÉCULES DE LIBÉRATION DU MONOXYDE DE CARBONE DÉCLENCHÉE PAR UNE ENZYME

Publication

**EP 3638222 A4 20210407 (EN)**

Application

**EP 18817546 A 20180612**

Priority

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- US 2018037123 W 20180612

Abstract (en)

[origin: WO2018231841A1] The present invention generally relates to carbon monoxide releasing compounds and compositions, and their use as carbon monoxide prodrugs. The compounds disclosed herein contain a cyclopentadienone moiety, a non-reactive dienophile, and an enzyme-cleavable tethering moiety connecting the cyclopentadienone moiety to the non-reactive dienophile. Cleavage of the enzyme-cleavable tethering moiety results in conversion of the non-reactive dienophile to a reactive dienophile.

IPC 8 full level

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CPC (source: EP US)

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**C07D 265/30** (2013.01 - US); **C07D 321/10** (2013.01 - EP US)

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DOCDB simple family (publication)

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